

3600.2390-D2
January 29, 2002 (3:51PM)

Docket: AM-2390-D2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re Application of:** Jianming FU**Attorneys Docket:** AM-2390.D2**Serial No.:** 09/918,136**Art Unit No.:** 1753**Filed:** July 30, 2001**Examiner:** S. Versteeg**For:** "SELF IONIZED SPUTTERING USING A HIGH DENSITY PLASMA SOURCE"

Commissioner for Patents
Washington, DC 20231

AMENDMENT UNDER 37 CFR §1.115

Sir:

In a Preliminary Amendment for consideration before initial examination and in response to the telephone Restriction Requirement of January 28, 2002, please amend the above application as follows:

Replace the claims with:

Please cancel Claims 1-5.

6. A method of sputtering a material from a target comprising a metal onto a working substrate supported on a pedestal in a system including a magnetron disposed on a side of said target opposite said pedestal and including an outer pole of one magnetic polarity and surrounding an inner pole of another magnetic polarity, wherein said outer pole extends from said center of said target to a peripheral portion of said target and has an area smaller than a similarly extending circle, said method comprising:

rotating said magnetron about a center of said target to achieve full sputtering coverage of said target; and

capacitively coupling power into said chamber at least partially by applying DC power to said target but not including inductively coupling power into said chamber to

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****FACSIMILE COVER SHEET****

TO: Exr. S. Versteeg
USPTO
Group 1753

Fax No.: 703-872-9424
Voice No.: 305-0635

FROM:

Charles S. Guenzer, Esq.
Law Offices of Charles Guenzer
2211 Park Blvd.
P.O. Box 60729
Palo Alto, California 94306
fax: (650) 566-8042
voice: (650) 566-8040
email: csg@palypat.com

Re: Rule 115 Amendment

Your Ref: USSN 09/918,136

Our Ref: AM-2390.D1

REMARKS

Attached is a replacement preliminary amendment, as discussed in our teleconference of 1/29/02.

(1) Rule 115 Amendment (5 pp.)

I certify that the above papers are being faxed to the above fax number on January 28, 2002.


Charles S. Guenzer
Reg. No. 30,640

Date: 1/29/02

No. of Pages (including cover): 1

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